

AB 6. (First Amended) An inkjet printing mechanism according to claim 5 wherein said radio frequency heating element includes as said first portion first electrodes and as said second portion second electrodes, a heat zone being positioned therebetween.

5 13. (First Amended) An inkjet printing mechanism according to claim 1 wherein said first and second heating element portions define a gap therebetween, said gap comprising a heat zone generated by said heating element.

10 14. (First Amended) An inkjet printing mechanism comprising:
a printzone;
a first carriage located on a first side of said printzone, said first carriage supporting an inkjet printhead and a first heater element portion; and
a second carriage located on a second side of said printzone, said second carriage holding a second heater element portion, said first and second heater element portions forming a
15 heater element and being maintained in face-to-face opposition across said printzone.

20 22. (First Amended) A method of applying print imaging by ink droplet deposition on media and drying said print imaging, the method comprising the steps:

reciprocating a first carriage across a printzone;
projecting from said first carriage ink droplets as said print imaging;
projecting from a first heater element on said first carriage radiant energy applied as heat energy to said media; and

25 synchronously scanning a second carriage relative to said first carriage, said second carriage holding a second heater element cooperative with said first heater element to generate and apply said heat energy to said media, said first and second carriage being maintained in face-to-face relation with said media interposed therebetween.

24. (First Amended) A method according to claim 22 wherein said first and second heater elements comprise a microwave heater.

5 25. (First Amended) A method according to claim 22 wherein said first and second heater elements comprise an RF heater.

26. (First Amended) A method according to claim 22 further comprising controllably advancing media in a feed direction through said printzone.

10 27. (First Amended) A printing method, comprising:
placing media in a printzone for print imaging;
reciprocating a first carriage across said printzone;
projecting from said first carriage ink droplets as said print imaging;
projecting from a first heater element on said first carriage radiant energy applied
15 as heat energy to said media: and

synchronously scanning a second carriage relative to said first mentioned carriage, said second carriage holding a heater element cooperative with said heater on said first carriage to apply said heat energy to said media, said first and second carriage being maintained in face-to-face relation with said media interposed therebetween.

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29. (First Amended) A method according to claim 27 wherein said first and second heater elements comprise a microwave heater.

25 30. (First Amended) A method according to claim 27 wherein said first and second heater elements comprise an RF heater.

31. (First Amended) A printing method, comprising:
applying ink having an evaporatable component to a print media; and

thereafter, moving a heat zone across said media to accelerate evaporation of said evaporatable component, said heat zone being generated by cooperative first and second heating elements moving synchronously and relative to said print media and cooperative to produce said heat zone, said first and second heating elements being maintained in face-to-face relation with said print media interposed therebetween.

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32. (First Amended) A method according to claim 31 wherein said moving comprises scanning said first and second heating elements across said print media.


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33. (First Amended) A method according to claim 31 wherein said applying comprises scanning a printhead across said media.

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34. (First Amended) A method according to claim 31 further comprising generating said heat zone using microwave heating produced cooperative by said first and second heating elements.


35. (First Amended) A method according to claim 31 further comprising generating said heat zone at opposing surfaces of said media.

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36. (First Amended) A method according to claim 31 further comprising generating said heat zone from RF heating produced cooperative by said first and second heating elements.

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38. (First Amended) An inkjet printing mechanism comprising:
means for reciprocating a carriage relative to a printzone;
printing means for applying print imaging to media in said printzone and supported by said carriage means; and
means for applying heat energy to said media and supported by said carriage means, said means for applying heat energy being bifurcated and including cooperative first and second heater elements, said first heater element being positioned at a first side of said media and

 said second heater element being maintained in face-to-face opposition therewith at a second side of said media.

42. (First Amended) An inkjet printing mechanism comprising:

 a reciprocating printing device projecting ink droplets therefrom along a print swath, said print swath having a print swath height; and

a reciprocating bifurcated heating element projecting energy therefrom and applied as heat energy to media adjacent thereto along a heat swath height, said heat swath height being greater than said print swath height whereby print imaging produced by said ink

10 droplets receives said heat energy through at least a first and second reciprocation of said heating element, said bifurcated heating element including a first portion maintained at a first side of said print swath and a second portion maintained at a second side of said print swath in face-to-face opposition to said first portion.
